

**PATENT ASSIGNMENT**

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NATURE OF CONVEYANCE:	ASSIGNMENT
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Name	Execution Date
Mary Beth Rothwell	07/13/2007
Roy Rongqing Yu	07/13/2007
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
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**ASSIGNMENT**

Whereas, we

INVENTOR  
AND CITY

(1) Mary Beth Rothwell  
County of Fairfield

of Ridgefield,  
and State of Connecticut,

(2) Roy Rongqing Yu  
County of Dutchess

of Poughkeepsie,  
and State of New York,

have invented certain improvements in

CLEANING PROCESSES FOR MICROELECTRONIC DIELECTRIC AND METAL STRUCTURES

DATES THAT  
INVENTORS  
SIGNED THE  
DECLARATION

and executed, respectively, a United States patent application therefor on

(1) 7/13/, 2007 AND (2) 7/13/, 2007,

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed

Mary Beth Rothwell  
Mary Beth Rothwell

on 7/13/, 2007

Roy Rongqing Yu  
Roy Rongqing Yu

on 7/13/, 2007